

CONFIDENTIAL

Release Date 4-8-30-70

M-d

BUTTES #1-24 NAVAJO 520  
NE SE 24-37N-28E APACHE CO.

sl

COUNTY Apache AREA 3 1/2 mi. NW/Cove School LEASE NO. NOO-C-14-20-2200WELL NAME Buttes Gas & Oil #1-24 NavajoLOCATION NE SE SEC 24 TWP 37N RANGE 28E FOOTAGE 1880' FSL & 690' FELELEV 6667 GR KB SPUD DATE 11-7-69 STATUS COMP. DATE 11-30-69 TOTAL DEPTH 3920'

## CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
8 5/8	224	105 SK		<u>x</u>
				DRILLED BY CABLE TOOL
				PRODUCTIVE RESERVOIR
				INITIAL PRODUCTION <u>P&amp;A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Shinarump	825'	<u>X</u>	<u>x</u>	11-9-69 1190'
DeChelly	1185'		<u>x</u>	
Organ Rock	1880'		<u>x</u>	
Cutler Evap.	2408'		<u>x</u>	
Hermosa	3122'		<u>x</u>	
Black Shale	3600'		<u>x</u>	
Chaetetes	3665'		<u>x</u>	
Base Chaetetes	3675'		<u>x</u>	
Molas	3762'		<u>x</u>	
Mississippian	3855'		<u>x</u>	
TD	3920'		<u>x</u>	

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
IES-3; SNP-3; BHC /GR-3	NA	NA	Am Strat SAMPLE DESCRP. 4corners SAMPLE NO. *1603 CORE ANALYSIS DSTs
			*Tucson 2596
REMARKS			APP. TO PLUG <u>x</u> PLUGGING REP. <u>x</u> COMP. REPORT <u>x</u>

WATER WELL ACCEPTED BY

BOND CO. Pacific Indemnity CompanyBOND NO. 326966BOND AMT. \$ 5,000

CANCELLED

DATE

ORGANIZATION REPORT 5-8-68FILING RECEIPT 2854LOC. PLAT xWELL BOOK xPLAT BOOK xAPI NO. 02-001-20119DATE ISSUED 11-5-69DEDICATION E/2 SE/4PERMIT NUMBER 520

CONFIDENTIAL

Release Date

5-30-70

(over)

## DRILL STEM TEST

DRILL STEM TEST			
NO.	FROM	TO	RESULTS
1	3647	3720	See Completion Report
2	3728	3755	See Completion Report

**CORE RECORD**

[illegible]

## REMEDIAL HISTORY

[illegible]

### ADDITIONAL INFORMATION

*[The following section contains several horizontal lines, likely representing redacted information or a placeholder for additional text.]*

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input checked="" type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input checked="" type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator Buttes Gas & Oil Co.				Address 420 C.A. Johnson Bldg, Denver, Colorado 80202					
Federal, State or Indian Lease Number or name of lessor if fee lease N00-C-14-20-2200				Well Number 1-24		Field & Reservoir Wildcat			
Location 1880' FSL, 690' FEL				County Apache					
Sec. TWP-Range or Block & Survey 24-37N-28E									
Date spudded 11-7-69		Date total depth reached 11-29-69		Date completed, ready to produce ---		Elevation (DE, RKB, RT or Gr.) 6667' Gr.		Elevation of casing hd. flange ---	
Total depth 3920'		P.B.T.D. Surface		Single, dual or triple completion? ---		If this is a dual or triple completion, furnish separate report for each completion. ---			
Producing interval (s) for this completion ---				Rotary tools used (interval) 0'-3920'		Cable tools used (interval) ---			
Was this well directionally drilled? No		Was directional survey made? No		Was copy of directional survey filed? ---		Date filed ---			
Type of electrical or other logs run (check logs filed with the commission) IES, GR-Sonic, SNP						Date filed ---			
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled			
Surface	12 1/4"	8 5/8"	24'	224	105	0			
TUBING RECORD      None									
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)		
PERFORATION RECORD      ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD									
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval			
None				None		---			
INITIAL PRODUCTION									
Date of first production Dry		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)							
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity --- ° API (Corr)			
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio			
Disposition of gas (state whether vented, used for fuel or sold): ---									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Engineer</u> of the <u>Buttes Gas &amp; Oil Co.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p><u>12-12-69</u> Date</p> <p>IT IS REQUESTED THAT THIS REPORT BE <u>CONFIDENTIAL</u>.</p> <p style="text-align: right; margin-right: 50px;">Signature <i>John E. Wey</i></p>									
Permit No. <u>520</u>				<p style="text-align: center;">STATE OF ARIZONA OIL &amp; GAS CONSERVATION COMMISSION</p> <p style="text-align: center;">Well Completion or Recompletion Report and Well Log</p> <p style="text-align: center;">Form No. 4      File <u>2</u> Copy</p>					

# DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Shinarump	825'		
Dechelly	1185'		
Organ Rock	1880'		
Cutler Evap.	2408'		
Hermosa	3122'		
Black Shale	3600'		
Chaetetes	3665'		
Base Chaetetes	3675'		
Molas	3762'		
Mississippian	3855'		
T.D.	3920'		
DST No. 1	3647'-3720'		
IHP	1676 Psi		
IFP (5 min.)	13.2 Psi		
ISIP (60 min.)	736 Psi		
*FFP (12 hours)	13.2-26.4 Psi		
*FSIP (5 min.)	----		
*FHP	----		
BHT	104° F		
*Starter on rig engine broke and tool was left open for 12 hours. FSIP and FHP not recorded since recorder clock ran down.			
Very weak blow to dead in 2 minutes. Recovered 120' of drilling mud. No oil or gas shows in recovery.			
DST No. 2	3728'-3755'		
IHP	1716 Psi		
IFP (5 min.)	13 Psi		
ISIP (60 min.)	329 Psi (building)		
FFP (180 min.)	13 Psi		
*FSIP	not measured		
FHP	1716 Psi		
BHT	110° F		

*No cores*

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

## INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

[illegible]

PLUGGED AND ABANDONED WELL at 2:00 P.M. on 11-30-69

Plug No. 1	3920'-3720'	54 sx.
Plug No. 2	3200'-3100'	36 sx.
Plug No. 3	1250'-1150'	45 sx.
Plug No. 4	900'- 800'	55 sx.
Plug No. 5	surface	10 sx.

Rig released at 4:00 P.M. on 11-30-69.

# APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
 OPERATOR Buttes Gas & Oil Co. ADDRESS 420 C. A. Johnson Bldg, Denver, Colorado 80202  
 Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease WELL NO Navajo No. 1-24  
 SURVEY -- SECTION 24 COUNTY Apache  
 LOCATION NE 1/4 SW 1/4 (1880' FSL, 690' FEL) Section 24, T37N, R28E, Apache Co., Arizona

TYPE OF WELL Dry Hole (Oil, Gas or Dry Hole) TOTAL DEPTH 3920 Driller

ALLOWABLE (If Assigned) --

LAST PRODUCTION TEST OIL -- (Bbls.) WATER -- (Bbls.)  
 GAS -- (MCF) DATE OF TEST --

PRODUCING HORIZON -- PRODUCING FROM -- TO --

1. COMPLETE CASING RECORD 224' of 8 5/8" casing cemented with 105 sx.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Received oral permission from U.S.G.S. and State of Arizona to plug well as follows:

Plug No. 1	3920'-3750'	54 sx.
Plug No. 2	3200'-3100'	36 sx.
Plug No. 3	1250'-1150'	45 sx.
Plug No. 4	900'-800'	55 sx.
Plug No. 5	surface	10 sx.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 11-30-69

NAME OF PERSON DOING WORK D. C. Berger ADDRESS 645 Petroleum Club Bldg. Denver, Colorado 80202

CORRESPONDENCE SHOULD BE SENT TO John E. Weg

Name John E. Weg

Title Engineer

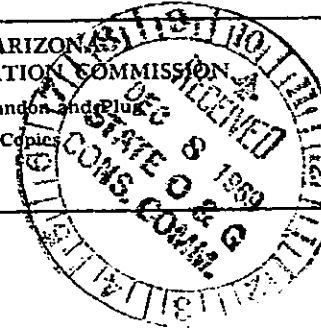
Address 420 C. A. Johnson Bldg., Denver, Colorado 80202

Date 12-5-69

Date Approved 12-11-69  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: John H. Hanner

Permit No. 520

STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Application to Abandon and Plug  
 File Two Copies  
 Form No. 9





12-14-69

The following supplies have been delivered to the  
cat.

Arkla, 7th MM.  
Sec. 17-36E-20E  
Navajo Co. Ariz.

Buttes Co. 1  
7th MM Navajo  
Sec. 17-36E-20E  
Navajo Co. Ariz.  
Permit 1-502

Unit 1, 7th MM Navajo  
Sec. 17-36E-20E  
Navajo Co. Ariz.  
Held Title  
Permit 1-502

HARRY HOLIFIELD

*Jr Ratcliff*  
Jr Ratcliff  
FARM CONTRACTS  
P.O. BOX 1000, TULSA, OK 74101

December 1, 1969

Memo to Buttes Gas & Oil #1-24 Navajo (2200)  
T37N, R28E, G & SRM  
Sec. 24: NE/4 SE/4  
Apache County  
Permit #520

Memo from J. Scurlock

Buttes called this date requesting verbal permission to plug the captioned well.

Formation tops:

Shinarump	825'
Moenkopi	928'
DeChelly	1185'
Organ Rock	1880'
Hermosa	3122'
Molas	3762'
Mississippian	3855'
Total Depth	3920'

Plugs:

From	3750'	to	3920'
"	3100	"	3200'
"	1150	"	1250'
"	800'	"	900'

Ten sacks of cement at surface plus a surface marker.

Two DST's were made in the Hermosa formation.  
Recovered mud, no shows.

No cores were taken.

They set 8-7/8" casing at 224'.

Form 9-1123

Supervisor, Oil & Gas Operations:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the **Bureau of Indian Affairs,**  
holder of oil and gas lease ~~DESIGNATION OF OPERATOR~~

U. S. Land Office: **Window Rock, Arizona**  
Serial Number: **N00-C-14-20-2200**

and hereby designates

Name: **Buttes Gas & Oil Co.**  
Address: **420 C.A. Johnson Building, 509 Seventeenth Street  
Denver, Colorado 80202**

as its operator and local agent, with full authority to act in its behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil & Gas Operating Regulations with respect to (describe acreage to which this designation is applicable)

Township 37 North, Range 28 East, G.S.R.M.  
Section 24: All

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil & Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

W. T. BLACKBURN

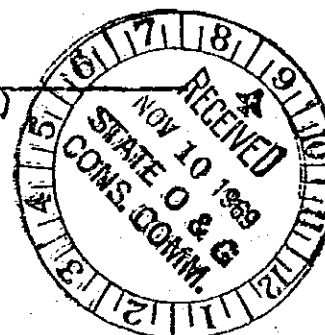
  
(Signature of Lessee)

NOV 3 1969

(Date)

1650 Denver Club Building  
Denver, Colorado 80202

(Address)



520

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
NAME OF COMPANY OR OPERATOR <b>Buttes Gas &amp; Oil Co.</b>			
Address <b>420 C. A. Johnson Bldg.,</b>		City <b>Denver</b>	State <b>Colorado</b>
Post Office <b>80202</b>			
Drilling Contractor <b>Not selected - to be furnished</b>			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor <b>N00-C-14-20-2200</b>		Well number <b>1-24</b>	Elevation (ground) <b>To be supplied</b>
Nearest distance from proposed location to property or lease line: <b>690</b> feet		Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet	
Number of acres in lease: <b>All of Section 24</b>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <b>None</b>	
If lease, purchased with one or more wells drilled, from whom purchased: <b>None</b>		Name Address	
Well location (give footage from section lines) <b>1880' FSL, 690' FEL</b>		Section—township—range or block and survey <b>24 37N 28E</b>	
Field and reservoir (if wildcat, so state) <b>Wildcat</b>		County <b>Apache</b>	
Distance, in miles, and direction from nearest town or post office <b>3 1/2 miles NW Cove School, Apache County, Arizona</b>			
Proposed depth: <b>4100'</b>		Rotary or cable tools <b>Rotary</b>	
Bond Status <b>Applied for</b>		Organization Report <b>On file X Or attached</b>	
Amount <b>\$5,000</b>		Approx. date work will start <b>11-5-69</b>	
Filing Fee of \$25.00 <b>Attached Yes</b>		Remarks:	
1. Drill 12 1/2" hole to 180'. Cement 8 5/8" casing to surface. 2. Drill 7 7/8" hole to 4100' T.D. During drilling, core or test any shows of oil or gas. At Total Depth run logs. 3. At Total Depth based on cores, tests and logs complete or abandon.			
CERTIFICATE: I, <b>John E. Why</b> , designated, under the penalty of perjury, state that I am the <b>Engineer</b> of the <b>Buttes Gas &amp; Oil Co.</b> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
Signature <i>John E. Why</i>		Date <b>October 28, 1969</b>	
Permit Number: <b>520</b>		Approval Date: <b>11-5-69</b>	
Approved By: <i>John Lammeter</i>		520	
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.			

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES \_\_\_\_\_ NO X
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO \_\_\_\_\_. If answer is "yes," Type of Consolidation Operating Agreement
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
See attached list	All of Section 24-37N-28E

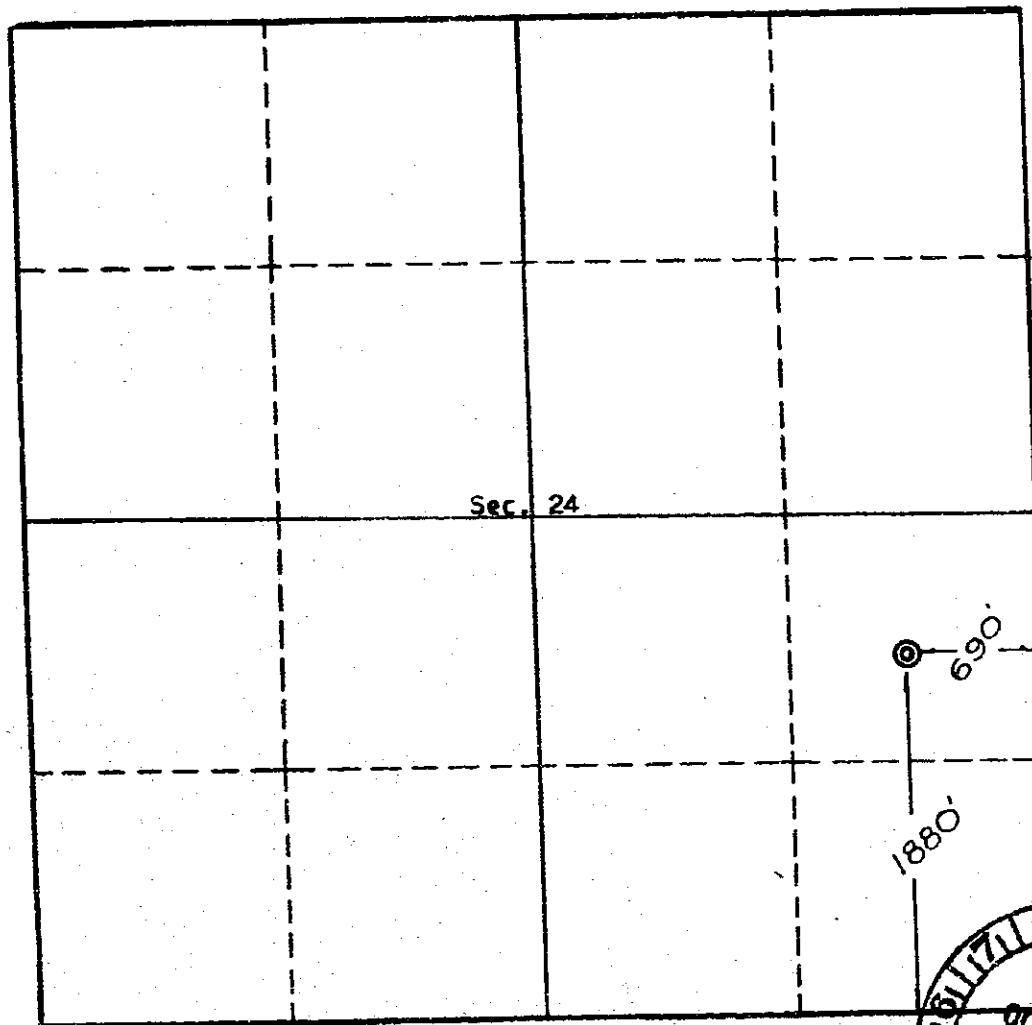
  

	<b>CERTIFICATION</b> I hereby certify that the information above is true and complete to the best of my knowledge and belief.
	Name
	Position
	Company
	Date
	I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. <b>Copy of survey to be sent</b>
	Date Surveyed
	Registered Professional Engineer and/or Land Surveyor
	Certificate No.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8 5/8"	24	K-55	0	250'	250'	To surface
5 1/2"	15.5	J-55	0	4100'	4100'	200 sx.

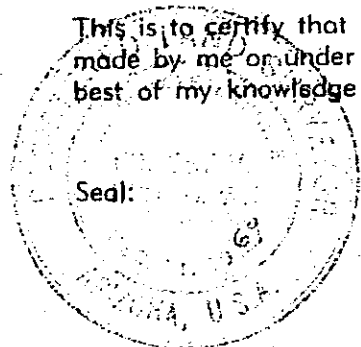
Company BUTTES GAS & OIL CO.  
Well Name & No. \_\_\_\_\_  
Location 1880 feet from the South line and 690 feet from the East line.  
Sec. 24, T. 37 N., R. 28 E., G. & S. R. M., County Apache, Arizona  
Ground Elevation 6667, ungraded.



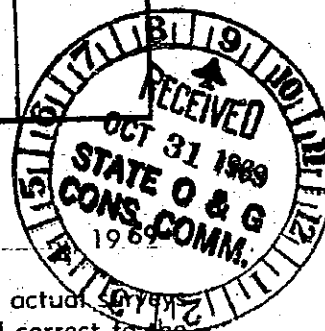
Scale, 1 inch = 1,000 feet

Surveyed October 7,

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*  
Ernest V. Echohawk  
Registered Land Surveyor  
Arizona Registration No. 2311





## PERMIT TO DRILL

This constitutes the permission and authority from the  
OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: BUTTES GAS & OIL  
(OPERATOR)

to drill a well to be known as

BUTTES GAS & OIL #1-24 NAVAJO (2200)  
(WELL NAME)

located 1880' FSL - 690' FSL

Section 24 Township 37N Range 28E, APACHE County, Arizona.

The E/2 SE/4 of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 5th day of NOVEMBER, 1969.

OIL AND GAS CONSERVATION COMMISSION

By

John Bannister  
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL  
YOU MUST BE IN FULL COMPLIANCE WITH RULE  
105, SECTION A THRU G (SPACING), WITH RESPECT  
TO THE PRODUCT TO BE PRODUCED.

PERMIT Nº 520

RECEIPT NO. 2854  
API NO. 02-001-20119

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED

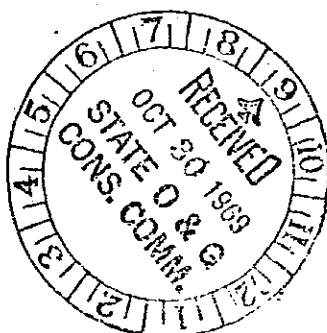
NORTH LUKACHUKAI PROSPECT

Well: Navajo No. 1-24

Apache County, Arizona

Attachment to application for permit to drill for subject well:

Buttes Gas & Oil Co.	38.8889%
W. T. Blackburn	8.3333%
St. Mary Parish Land Co.	16.6667%
F. A. F. Berry	5.5555%
Alf Thompson	2.7778%
R. K. Thompson	2.7778%
C. L. Neill	2.7778%
N. E. Gunderson	2.7778%
Union Texas Petroleum Corp.	19.4444%
	<hr/>
	100.0000%





WP  
DENVER DIVISION  
(303) 892-5840

**BUTTES GAS & OIL CO.**  
1200 THE DENVER CENTER BUILDING  
1776 LINCOLN STREET  
DENVER, COLORADO 80203

HOME OFFICE  
OAKLAND, CALIFORNIA

May 13, 1971

✓ Mr. Perry Hurlbut  
Navajo Tribe  
Minerals Department  
Box 146  
Window Rock, Arizona 86515

Arizona Oil & Gas Cons. Comm.  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Re: Navajo No. 1-24

Gentlemen:

Enclosed, for your files, please find one copy each of the following logs for the subject well:

Sidewall Neutron Porosity Log  
Borehole Compensated Sonice Log - Gamma Ray  
Induction Electrical Log

Very truly yours,

*John E. Wey*  
SD

John E. Wey

sd  
Enclosures

520

RECEIVED  
MAY 17 1971  
O & G CONS. COMM.

X-526  
X-Chicago

December 16, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-24 Navajo (2200)	Buttes #1-31 Navajo (1576)
T37N, R28E, G & SRM	T35N, R27E, G & SRM
Sec. 24: NE/4 SE/4	Sec. 31: NE/4 NE/4
Apache County	Apache County
Permit #520	Permit #526
Pacific Indemnity Bond No. 326966	

Dear Mr. Wey:

We have received all the required reports and notification of samples on the Buttes #1-24 Navajo, Permit #520, and everything is in order. Pursuant to a letter from Mr. William L. Keeling, Pacific Indemnity Company, dated December 4, 1969, the captioned bond is released as to the Buttes #1-24 Navajo, Sec. 24-T37N-R28E, Permit #520, and will now cover the new well Buttes #1-31 Navajo, Sec. 31-T35N-R27E, Permit #526.

Our Geologist will check the site and the dry hole marker on the Buttes #1-24 Navajo well on his next visit to that area.

Yours truly,

John BannisterE  
Executive Secretary

jd  
copy to Pacific Indemnity Company

TELEPHONE: 292-4820  
AREA CODE: 303



SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

December 12, 1969

State of Arizona Oil & Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 850\_\_

Re: Apache No. 1-24

Attn: James Scurlock

Gentlemen:

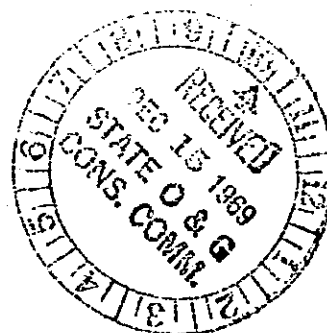
Enclosed are forms No. 4 and No. 10 for the subject well.

As discussed with you and noted at the bottom of the completion report, we request that you keep this information confidential.

Very truly yours,

*John E. Wey*  
John E. Wey

JEW/ss  
encl. 2



RESIDENCE PHONE: 325-2188  
Area Code 505

**HAROLD H. BROWN**

*Consultant in Petroleum Geology*

OFFICE PHONE: 325-4900 • PETROLEUM CLUB PLAZA  
FARMINGTON, NEW MEXICO 87401

December 12, 1969

Mr. Jim Scurlock  
Oil & Gas Conservation Commission  
State of Arizona  
1624 W. Adams  
Phoenix, Arizona

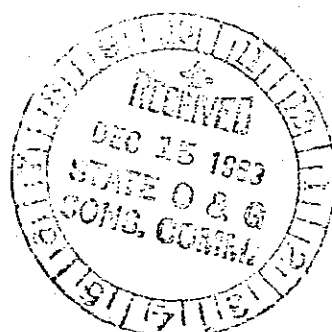
Re: Buttes Gas & Oil  
Navajo 1- 24  
Sec. 24, T37N-R28E  
Apache Co., Ariz.

Dear Mr. Scurlock:

As requested by Mr. John Wey samples for the above test well were delivered to the Four Corners Sample Cut in Farmington, New Mexico with instructions to cut and send a set to your office and the Museum of Northern Arizona.

Very truly yours,

*Harold H. Brown*  
Harold H. Brown



**BUTES GAS & OIL CO.**

2150 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94612  
(415) 893-0364

November 7, 1969

U. S. Geological Survey  
Oil & Gas Operations Branch  
Petroleum Club Plaza  
Farmington, New Mexico 87401

Attention: Mr. Philip McGrath

Re: Lease Contract #N00-C-14-20-2200  
Section 24-37N-28E  
Apache County, Arizona  
Our North Lukachukai Prospect

Gentlemen:

Enclosed please find three copies of a Designation of Operator  
executed by W. T. Blackburn giving authority to this company to operate  
the drilling of an oil and gas test on the captioned lands.

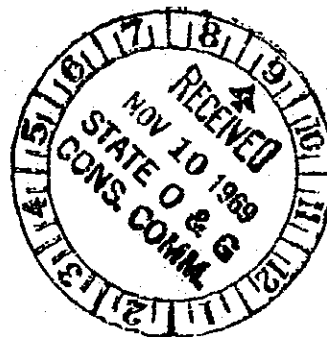
Sincerely,

  
L. E. Rickard  
Land Department

LER/cm  
Enclosures

cc: State of Arizona ✓  
Oil & Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Mr. Wm. R. Stroble



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Y

November 6, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes Gas & Oil #1-24 Navajo (2200)  
T37N, R28E, G & SRM  
Sec. 24: NE/4 SE/4  
Apache County  
Permit #520

Dear Mr. Wey:

Enclosed is your approved Application for Permit to Drill,  
a copy of the plat, and the Permit To Drill. The Receipt  
No. 2854 was sent to you in a previous mailing. Also en-  
closed are miscellaneous instruction sheets pertaining to  
well samples and reports required by this office.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

Enc.

520

November 6, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

By letter from Elliott A. Riggs this Commission was notified that the well site was cleaned and the dry hole marker was in place. This Commission is willing to transfer Pacific Indemnity Company Bond No. 326966 to the location where the Buttes #1-24 Navajo (2200) will be drilled, on the condition that the captioned well's dry hole marker has attached to it a sign showing the name of the captioned well; its location by quarter-quarter, section, township and range; and this drilling permit number.

Our field man will inspect this site and dry hole marker at his first visit to the new well to be drilled. This letter is this Commission's acceptance of Bond No. 326966 as surety for the new well and conditional release of the bond on the captioned well.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jd  
cc: Pacific Indemnity Company

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320

X-Clavono  
X. Lambert

November 3, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes Gas & Oil #1-24 Navajo (2200)  
T37N, R28E, G & SRM  
Sec. 24: NE/4 SE/4  
Apache County

Dear Mr. Wey:

We have checked the Application for Permit to Drill you submitted and have also received the plat covering the captioned well. Everything seems to be in order and the permit will be issued on or about November 5th when our authorized signatory, Mr. John Bannister, Executive Secretary returns to the office.

Please find enclosed Receipt No. 2854 covering the \$25 filing fee.

Yours truly,

James A. Lambert  
Administrative Assistant

jd  
Enc.

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#20



ERNEST V. ECHOHAWK  
201 SUMMIT DRIVE  
FARMINGTON, NEW MEXICO 87401

October 29, 1969

State of Arizona  
Oil & Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona

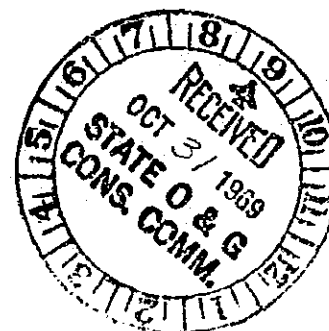
Dear Sir:

At the request of Buttes Gas & Oil Co. of Denver, Colorado:  
attached are the necessary copies of the Well Location plat  
which they wish to file with your office.

The Well Location as per plat is located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of  
Section 24, T-37-N, R-28-E, G. & S. R. M., Apache, County,  
Arizona.

Yours very truly,

*E. V. Echohawk*  
E. V. Echohawk, Reg. Land Surveyor



DATE MO. DAY Y.	INVOICE NUMBER	GROSS AMOUNT	CREDITS	PREVIOUS BALANCE	BALANCE	REMARKS
10-28-9					25.00	Filing Fee for Drilling No. 1-24 Navajo-North Lucachukai Prospect, Apache County, Arizona 1969 Exploration Program
PLEASE DETACH THIS STATEMENT BEFORE DEPOSITING CHECK		JUNIPER OIL & GAS COMPANY SUITE 420, C. A. JOHNSON BUILDING, 309 SEVENTEENTH STREET DENVER, COLORADO 80202 A DIVISION OF BUTTES GAS & OIL CO.				520 THIS CHECK IS TENDERED IN PAYMENT OF ITEMS LISTED